Purchase Order Receipt Listing

Monday, June 08, 2015 1:27:50 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO28549 Receipt Dates from 6/8/2015 to 6/8/2015 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Project ID Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
endorID\Vendor Name	ndor Nam		VC-COP001 Thys	Thyssenkrupp Materials CA Ltd							
PO28549	1		T6B1	(02. f	6/4/2015	6/8/2015	24.0000	\$21.13	0.0000	0	\$507.19
CAD	N _o		7075-T6 BAR 1.750" f X 2.250" m132458	50" f	24.0000	DCUSER		\$507.19	0.0000	0	
	2		M7075T6B0.375X8.0 f	⟨8.0 f	6/4/2015	6/8/2015	12.0000	\$21.58	0.0000	0	\$258.92
	No		7075-T6 Plate 0.375" f X 8.000", QQ-A 250/12 m132458	J SZ	12.0000	DCUSER		\$258.92	0.0000	0	
	3		M7075T6B6.000X0.2 f 50	X0.2 f	6/4/2015	6/8/2015	12.0000	\$16.58	0.0000	0	\$199.01
	No		7075-T6 BAR 6.000" f X 0.250" m132458	.00° f	12.0000	DCUSER		\$199.01	0.0000	0	
	4 N	•	71401-45 PROCUREMENT QUALITY CLAUSES	r ISES	6/4/2015	6/8/2015 DCUSER	1.0000	\$0.00	0.0000	0	\$0.00
			000000000000000000000000000000000000000					Total	Total Received Quantity: Total Qty to Inspect (PO U/M):	Quantity:	49.0000

0.0000 \$965.13 0.0000

Total Balance Due Quantity:

Total Reject Quantity: Total Receipt Value:

DAN

BILL OF L
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

No: PEC 937898 OF LADING Ship Date 05Jun15 at 15:19 From PFW Probill VIM DELIVERY Via CONCORD FOB Frt PREPAID 0- 0 Manifest Route Trailer Vhcle STAN IVERS (905-532-1350) Slp Sold To: (20115) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

BILL OF LADING
1) Our Order PEC-806366- 1 Your PO # 28549 Rel # Part # 250/12 ALUMINUM PLATE 7075-T651 1/750" THICK X 2.2500" X 144.0000" LBS Quantity Heat Number Tag No 4.50 SFT 9314173 629816 2) Our Order PEC-806366- 2 Your PO # 28549 Part # 5-8 DAYS A.R.O 250/12 Rel ALUMINUM PLATE 7075-T651 .3/5" THICK X 8.0000" X 144.0000" PCS Quantity Tag No Heat Number 44 8.00 SFT 629118 3) Our Order PEC-806366- 3 Your PO # 28549 ALUMINUM PLATE 7075-T651 .250" THICK X 6.0000" X 48.5000" LBS PCS ouantity Tag No Heat Number 22 6.06 SFT 31954B0 629119 LBS PCS . Tags 188 TOTAL:

Heat Number 589911

*** Chemical Analysis ***

ADD ON TO 803853/803866 SUR-CHARGE ADDED

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE

RAPPORTÉES IMMÉDIATEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SONIA PLOUFFE.

5-06-68

DATE

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

BILL OF LADING

No: PEC 937898

Probill

Ship Date 05Jun15 at 15:19 From PFW

Ship From: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD

VIM DELIVERY Via

CONCORD FOB PREPAID

CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Frt 0- 0 Manifest Route

1)

Trailer Vhcle

Ship To:

STAN IVERS (905-532-1350) Slp

Sold To: (20115)

DART AEROSPACE

DART AEROSPACE

BILL OF LADING

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 PKG, 2 BDLS GW. 235 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA *** 9:00 AM TO 4:00 PM *** CONCORD, ONT.*

**** TEL. 800-926-2600 ****

WE STOCK STAINLESS STEEL PLEASE LET US QUOTE YOUR NEXT REQUIREMENT ***********

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER . * * *

2 Last Page:

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE







CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

s	COPPER & BRASS-TMX DIVISION
H I P	5450 E. HOME FRESNO CA 93727
T O	ÜŠ .

COPPER & BRASS SALES 0 PO BOX 5116 SOUTHFIELD MI 48086 US

S

L D Т

0 Serial:20150428-0110307342 Pg 1of3 INCLUSION COPPER&BR 110307342 4075 CUSTOMER PURCHASE ORDER NO. & ITEM 5400253051 Constellium ORDER NO. 135054 CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the TEMPER GAUGE T651 1.78000 in LENGTH ALLOY 7075 WIDTH CLAD requirements of the applicable specifications as 48.50000 in 144.50000 in indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test ITEM ORDERED SPEC PLATE, SAWED reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC MILL FINISH 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA CUSTOMER SPECIFICATION AMS QQ-A-250/12A PART NUMBER **B/L NUMBER** DATE SHIPPED ALFLR00996 41268 04/29/2015 GOVT. CONTRACT NO. WT. SHIPPED NO. OF PIECES 10540.000 LB 800000 Steve Good - Laboratory Manager

ALL LOTS ON THIS CERTIFICATION CONFORM TO THE FOLLOWING REQUIREMENTS:

AMS 4045K ASTM B209-14

Load Details

Jotano							
Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot	_
1001031870	2,630.000	1,192.947	9314173	01			
1001031870	2,630.000	1,192.947	9314173	02			
1001031871	2,630.000	1,192.947	9314173	03			
1001031871	2,630.000	1,192.947	9314173	04			
1001031872	2,640.000	1,197.483	9314174	01			
1001031872	2,640.000	1,197.483	9314174	02			
1001031873	2,640.000	1,197.483	9314174	03			
1001031873	2,640.000	1,197.483	9314174	04			
1001031872 1001031873	2,640.000 2,640.000	1,197.483 1,197.483	9314174 9314174	02 03			

Lot: 9314173

Tensile Test (US)

		Ultima	te (KSI)	Yield	I (KSI)	Elong	ation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max	
LT	02	79.1	80.3	68.6	69.7	13	13	

P-860-155D REVISED: 10 2014





CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

s	COPPER & BRASS-TMX DIVISION
H ! P	5450 E. HOME FRESNO CA 93727 US
TO	US

S COPPER & BRASS SALES
O L PO BOX 5116
SOUTHFIELD MI
48086
US

		93727 US								_	ÚS	
	T O	US								T O		
5	OPPER	0000	110307	342	4075		IN	ICLUSIO	VI.	Seri	al:20150428-0110307342	Pg 2of3
(JPPER	Kabk	110307	342	4075			.0200.0.				
		MER PURC	HASE OR	DER 1	NO. & ITE	M		nstellium	ORDE	R NO.	CERTIFIC	ATION
5	400253	3051					138	5054			"Constellium Rolled Produc metal shipped under t	his order has been
_	LLOY	CLAD	TEMPER	IGAL	IGF	WIDT	TH	ILE	NGTH		inspected and found in requirements of the appli	conformance with the
	075	CLAD	T651		000 in	48.50			4.5000	0 in	indicated herein. Any war	ranty is limited to that
L											shown on Constellium Ro General Terms and Cond	
II S	EM OF PEC PI	RDERED LATE, SAW	/ED								reports are on file, subj Constellium Rolled Produ	ect to examination."
M	ILL FIN	VISH '									859 Centu	ry Road
		MER SPEC		1							P.O. BO RAVENSWOOD, W	
ľ	WIS QU	Q-A-250/12A	`								WW Ellower I	
P	ART N	UMBER			B/L NUN	BER		DATE SHI			1, 0	
	LFLR0				41268		0	14/29/201	5		Stevel	and a
_	T 0111	DDED	I NI	0.05	PIECES	COVI	CON	NTRACT	NO		101-061-	/
	T. SHI 0540.00			80000	PIECES	GOVI	. 001	VIINACI	110.	}	Stave Cood	Laboratory Manager
											Steve Good - I	
Te	ensile '	Test (SI)										(0/)
					Ultimat	e (N/M)	/12)		Yield	(N/MM2		
		Direction	Tests		Min	Max		Min		Max		Max
		LT	02		545	554		473		481	13	13
c	hemist	try (Actual)										
		S		CU	MN	MG	CR	ZN	TI	ZR		
C	ore	0.	07 0.10	1.54	0.07	2.51	0.21	5.56	0.03	0.0	1 .	
Ļ		0.54011.0	- HAV 0	T. 150	O TOTAL	45 884	V A1	DEMAIN	DED			
-0	THER	S-EACH: .0	5 MAX. U	IHER	SIOIAL	.15 WA	A. AL	REWAIN	DEK			
		and Latings										
_		rial contain	ed in this	lot w	as cast a	nd manu	factu	red in th	e USA			
L	ot: 9	314174										
Τe	nsile 1	Test (US)							\#-1-I	(1401)	Florestion	(0/)
						e (KSI)			Yield		Elongation	
		Direction	Tests		Min	Max		Min	d to the	Max		Max
		LT	02		79.7	80.5		68.4	+	69.8	3 13	13

P-860-155D REVISED: 10 2014





CERTIFIED TEST REPORT Constellium Rolled Products Ravenswood, LLC

S H I P	COPPER 5450 E. FRESNO 93727 US	HOME CA	SS-TMX DIV	SION			S O L D	COPPER & BRASS SALES PO BOX 5116 SOUTHFIELD MI 48086 US
COPPE	R&BR	1103073	42 4075		INCLUSION	N	Seri	al:20150428-0110307342 Pg 3of3
CUSTO 540028		IASE ORI	DER NO. & ITE		Constellium 135054	ORDER	R NO.	CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the
ALLO\ 7075	CLAD	TEMPER T651	GAUGE 1.78000 in	WIDTH 48.5000		NGTH 4.50000	in	requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard
	ORDERED PLATE, SAWE INISH	ED.						General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road
	OMER SPECIF Q-A-250/12A	ICATION						P.O. BOX 68 RAVENSWOOD, WV 26164 USA
PART ALFLR	NUMBER 00996		B/L NUN 41268	IBER	DATE SHI 04/29/2015			Steve Sand
	HIPPED 000 LB		O. OF PIECES	GOVT. C	ONTRACT	NO.		Steve Good - Laboratory Manager
Tensile	e Test (SI)		Ultima	te (N/MM2)	Yield (N/MM	2) Elongation (%)
	Direction	Tests	Min	Max	Min		Ma	x Min Max
	LT	02	550	555	472		481	13 13
Chemi	stry (Actual)							
Core	SI 0.0	FE 7 0.10	CU MN 1.54 0.07	MG C 2.51 0.	R ZN 21 5.56	TI 0.03	2R 0.0	1
OTHE	RS-EACH: .05	MAX. OT	HERS TOTAL	.15 MAX.	AL REMAIN	DER		
All mat	terial containe	ed in this	lot was cast a	nd manufa	ctured in th	e USA		
THIS	S TEST REPOR	UALITY D	ELEGATE THE	RECORDING	G OF FALSE,	FICTITIO	ous, c	RE WRITTEN APPROVAL OF THE LABORATORY R FRAUDULENT STATEMENTS OR ENTRIES ON JINDER FEDERAL LAW.

THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY OES: ARKSPARK

CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT

WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399

WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E3; B557

DUNS Number: 090570149; CAGE Code: 1YWL9

Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.

"END OF CERTIFICATION"

P-860-155D REVISED: 10 2014

Marine James Hills

Date 02/55/5012 Cator 267204

Del.: 2403883043

:. JBW 44 PB

CatAr

.jsuj THYSSENKRUPP MATERIALS NA ECAD ThyssenKrupp Materials

Erom:

CERTIFIED INSPECTION REPORT

Ros d. Woodall

Rob Woodall
Director of Manufacturing Davenport Works

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department, No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be purished as a felony under applicable law.

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

24 03 71 1 Ship Date 2015-03-05

B.L. No.

9811109

00000 Invoice No.

Alcoa No. Item 1000689971-1

DP-89971-1

Ship From:

RIVERDALE, IA

P.O. No./Govt Contract No. 5400254943 Ln#: 0010

C&B

G041015371R12

Customer Alcoa Item

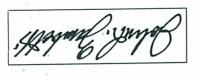
Terrence Thom Quality Assurance Manager

1: 1 cert with shipment. Cert on AlcoaDirect.

SOUTHFIELD 48086 MI P.O. BOX 5116 ATTN: ACCOUNTS PAYABLE COPPER & BRASS SALES INC

COPPER & BRASS SALES INC

1015 SAINT JEROME ST. MISHAWAKA 46544 IN



02/55/5012 Date CSFOr 267204 Mgt.: 44 LB

CstAr

CERTIFIED INSPECTION REPORT

Alcoa Inc.

THYSSENKRUPP MATERIALS NA - ECAD . Jeus Del:: 2403883043 From: ThyssenKrupp Materials WA

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable taw. We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

2015-03-05 24 03711 Ship Date

9811109

00000 Invoice No.

B.L. No.

P.O. No./Govt Contract No. 5400254943 Ln#: 0010

C&B

G041015371R12

Customer Alcoa Item

time the

Rob Woodall
Director of Manufacturing Davenport Works

Rold Wooded

Terrence Thom Quality Assurance Manager

Page 1 of 2

Cher All	1.97	Impr	CQR:	Note PROI PROI		10 F	Num	ship	
Chemical C				s for UCT PR		715565 715565	Pack	To: CC M:	
Chemical Composition Alloy 7075	Long Transv.		D123930.35	CQR: D ODUCED ND MAR		65	Package Ticket	OPPER & 015 SAI ISHAWAK	
tion				Notes for CQR: D123930.35 PRODUCT PRODUCED AND MARK PRODUCED AND MARKED TO TH		(ket	Ship To: COPPER & BRASS SALES INC 1015 SAINT JEROME ST. MISHAWAKA 46544 IN	
Max Min	Min		ifica	35 RKED THE R		589911	Lot	SALES OME SI 4 IN	
SI 0.4	78.0	UTS	-Specification Limits	TO THE		17		I.	
SI FE CU MN MG CR ZN 0.40 0.50 2.0 0.30 2.9 0.28 6.1 1.2 2.1 0.18 5.1	67.0	TYS	imits	NOTES FOR CQR: D123930.35 PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ- A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.					
CU MN 2.0 0.3 1.2	9	EL4D PCT		REMENTS	4584	4314 270	Weight		
N MG .30 2.9				OF AI				Item 0.375 0.000 T651 OIL A ((MAR MAX G 10 % 28 *	
CR ZN 9 0.28 6.1 1 0.18 5.1				MS-QQ- 12 F A	17	16	Qua	Item Description 0.375 IN TK (+.018018) X 48.5 IN W (+ 0.000) X 144.5 IN LN (+.5 -0.0) CAT_D 1 T651 RECTANGULAR MILL FINISH. AMS-QQ-A- OIL AMS4045 REV K EXC MRK ASTMB209 REV_1 ((MARKED)) KRAFT PAPER INTERLEAVED MAX GROSS SKID WGT: 4750 LB QUAN TOL +/- 10 % CQR D123930 REV 35 CUST REQ 15-02- 28 *** W/E 15-03-07 ***	
5.1				A-250			Quantity	iption K (+.0 L44.5 ANGULA S REV KRAFT KRAFT KRAFT SKID W SKID W D12393 E 15-0	Page
Othe TI Each 0.20 0.05				0/12 A		Dd Dd	- g	18(IN LN IN K MILI K EXC PAPE GT: 4	Page 1 of 2
н				LSO MI		വവ	MOM	018) X (+.5 L FINI MRK A MRK A 750 LB 35 C	
Other Total 0.15				EETS T		10 2 / 3		48.9 -0.0) SH. 1 STMB20 ERLEAN QUAN	
Other Total Aluminum 0.15 REMAIN				HE RE		46819	Inspe	CAT TO WED TO	
N				QUIREM OF AMS		•	Inspector Clock	Item Description 0.375 IN TK (+.018018) X 48.5 IN W (+.375 0.000) X 144.5 IN LN (+.5 -0.0) CAT D 123930 T651 RECTANGULAR MILL FINISH. AMS-QQ-A-250//OIL AMS4045 REV K EXC MRK ASTME209 REV 14 ((MARKED)) KRAFT PAPER INTERLEAVED MAX GROSS SKID WGT: 4750 LB QUAN TOL +/- 10 % CQR D123930 REV 35 CUST REQ 15-02-28 *** W/E 15-03-07 ***	
				ENTS (Clock	75 - 4 930 (N 0/12 R	
				OF QQ- -250/1			Numbers	Item Description 0.375 IN TK (+.018018) X 48.5 IN W (+.375 - 0.000) X 144.5 IN LN (+.5 -0.0) CAT D 123930 (N) A/T 7075- 0.000) X 144.5 IN LL FINISH. AMS-QQ-A-250/12 RBV A EXC_MRK, OIL AMS4045 REV K EXC_MRK ASIMB209 REV 14 ((MARKED)) KRAFT PAPER INTERLEAVED MAX GROSS SKID WGT: 4750 LB QUAN TOL +/- 10 % CQR D123930 REV 35 CUST REQ 15-02- 28 *** W/E 15-03-07 ***	
				A-250/			LS.	7075- EXC_MR	
				12F.				,,	
			- 1	PROD					

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722 Ship From:

Alcoa No. Item 1000689971-1

DP-89971-1

RIVERDALE, IA.

500

UCT



02/55/5012 Date CSFOr 267204

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

Mgt.: 44 LB

Cathr

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From:

RIVERDALE, IA.

THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403883043

From: ThyssenKrupp Materials WA

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet This test report shall not be reproduced except in ful addition or other change is authorized to be made to statements or entries on this certificate by any reoip Per. Rold Wooded

Applicable injurience benefits described between housing any specificants bring a part of the starting of the description and that among the purpose of the Application is and not the more continual to propose of the Application is and not the more continual to the proposed of the Application is and not the more continual to the proposed of the Application is and not the more continual to the proposed of the Application is and not the more continual to the proposed of the Application is and not the more continual to the proposed of the Application is and not the more continual to the Application is and not the more continual to the Application is and not the Application is an electron to the Application is an electron to the Application is an electron in the Country of the
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05 9811109 00000 1000689971-1 Novt Contract No. Customer Alcoa Item 943 Ln#: 0010 C&B G041015371R12
Invoice No. Alcoa No. Item 00000 1000689971-1 Customer Alcoa Item CGB G041015371R12
Invoice No. Alcoa No. Item 00000 1000689971-1 Customer Alcoa Item C&B G041015371R12
No. Item 0689971-1 R12
No. Item 0689971-1 R12
DP-89971-1





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

Kaiser Aluminum Trentwood Works Spokane, WA 99215-5108 (800) 367-2586

PRODUCT DESCRIPTION: CUSTOMER PART NUMBER: CUSTOMER PO NUMBER: WORK PACKAGE: Sawed Plate ALFLR00983-48.5 5400251430-120 TEMPER: CLAD: ALLOY: KAISER ORDER NUMBER: LINE ITEM: SHIP DATE: T651 7075 BARE 12 04/21/2015 1191173 LENGTH: WIDTH: WEIGHT SHIPPED: B/L NUMBER: GAUGE: QUANTITY: 144.500 IN 0.2500 IN 48.500 IN 2053520 3264 LB 18 PCS EST. SOLD TO: SHIP TO: COPPER & BRASS SALES COPPER & BRASS ATTN: ACCOUNTS PAYABLE 1015 SAINT JEROME ST. P.O. Box 5116 MISHAWAKA, IN 46544 US SOUTHFIELD, MI 48086 US

MHU 1884623: LOT 131954B0: 18 pieces

Certified Specifications

AMS 4045/Revk AMS-QQ-A-250/12/RevA ASTM B 209/Rev14 CMMP 025/RevU

Test Results: Test Code: 1512

LOT 131954B0 CAST: 772 DROP: 16 INGOT: 2

Melted in USA (ASTM E8/B557) (EN 2002-1)

Ultimate KSI (MPA) Yield KSI (MPA) Elongation % Tensile: Temper Dir/#Tests 11.7:11.9 74.7 : 74.8 84.3 : 84.4 LT / 02 (Min:Max) T651

(515 : 516)(581 : 582)

(ASTM E1251) V CR ZN TI CU MN MG Chemistry: SI FE 0.08 0.17 1.4 0.06 2.4 0.20 5.7 0.03 0.01 0.01 TOT Actual

OTHER V ZR FE CU MN MG CR ZN TT SI Chemistry: 5.1 0.00 0.00 0.00 MAX 0.05 0.18 2.1 0.00 7075 MIN 0.00 0.00 1.2 0.20 0.05 0.05 TOT 0.15 0.30 2.9 0.28 6.1 MAX 0.40 0.50 2.0

Aluminum Remainder

Plant Serial: 4372872 Kaiser Order Number: 1191173

Line Item: 12 Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2403883049

CstAr Wqt.: 22 LB

Date 05/22/2015

John R. Jambeth CstOr 267204





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

Kaiser Aluminum Trentwood Works Spokane, WA 99215-5108 (800) 367-2586

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS91000 certified and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformancewith the requirements of the specifications indicated herein. For material thicknesses outside specification limits, requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. * was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 225.225 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1251 (<lppm). * is in compliance with RoES 2, European Union Directive 2011/65/EU. * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n:1907/2006. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports shall notbe reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

MUNICIPAL

TIFICA

Plant Serial: 4372872

Kaiser Order Number: 1191173 Line Item: 12

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD

Del.: 2403883049

CstAr

CstOr 267204

Wgt.: 22 LB

Date 05/22/2015

Page 2 of 2

Johnsk. Jambeth

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MOOS			.375×B.01) PC) / BATCH NO.:	Poresi	18/H132
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	2	9.	R, TUBING	THICKNE SHEET SI	SS ORDERED: SS RECEIVED: ZE ORDERED: ZE RECEIVED:	.37C	NISTRA OV -P BM -S BW -P
			ON ITS RECEIVE	MEER (HEAT #	PLIER HAS A NU	RIFY THAT SUP	ay -≱
DESCRIPTION	(Ch	CR leck (N)	PART POMSTR	O AL FOR SAME	OMMENTS	RIFY MATERIAL MOVE / CUT A 1	9V -8 98 -8
SURFACE DAMAGE	Ý	N					
CORRECT FINISH	(Y)	N					
CORROSION	Υ	(N)					
CORRECT GRAIN DIRECTION	Y	N	G. Maria Introdu	SERVICE PRODUCED	10 20 May 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1
CORRECT MATERIAL	Y	N	THE RESERVE OF STREET			The second second second	C 1 2 1 1 1 2 1 3
CORRECT THICKNESS	(Y)	N			PERSONAL FIRM PROPERTY.	TOATUST VIIG	20.7P
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CORRECT MATERIAL	(Y)	N		011	THE RESERVE THE PARTY OF THE PARTY.	STREET STREET STREET	79.1 LK
CORRECT REF # TO LINK CERT	(X)	N	HTHE 589	1911	MET BELL MANNE	DAN FART VING	997 - D
CORRECT MATERIAL IDENTFICATION	X	N		20311.021	EN SOSSET	MATERIA AND S	1-9 3 -4 ()
CORRECT M# ON THE MATERIAL	(A)	N	Editor I Line Print	Central Control of the	CHAIR E-HYD	ISBN TERMINA	AH Let
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N	STAL	ING REQUIRME	S AG PER DRAW	SPECT ALL DIM	ы -8
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(S)					
CUT SAMPLE PIECE	OF	MA	TERIAL AND F	PREFORM A	HARDNESS C	CHECK.	i tomovi
_5P41712	TA	REC	ORD RESULT		DUD A	DUDD	UMICE
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL			Jan Poard.	PORTUGUES SEL	CERTS METU	SELECTION VEILE	y -1
SIZE OF TEST SAMPLE		MAIN	A WI UDIVIDOS)	PUICUH), ALI TI	MOTAR SEL 40	SPECTMAN DE	H *1X
HARDNESS / DUROMETER REA	DIN	G	OHO.	an included As	THE PER LENG	SPECT MATER	Harton Comment

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

ENGINEERING SIGNOFF (if required)

SIGNED OFF BY: _

QC 18 INSPECTION

INSPECTED BY:

DATE:

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MOS DATE: \5-6			150 x 7.52) PC) / BATCH NO.:	DOUSSUR/	M132(
MATERIAL CERT REC'D:	5_				SS ORDERED:	A CONTRACTOR OF THE PARTY OF TH	
QUANTITY RECEIVED:	4	71.1	aniau i ,a		SS RECEIVED:	10.2	MILEN
QUANTITY INSPECTED:	_4_			SHEET SI	ZE ORDERED:	<u> V/A</u>	
QUANTITY REJECTED:	<u> </u>		- 490-1 3 03:	SHEET SIZ	ZE RECEIVED:	U/A	-2
T TO LINK TO MATERIAL CERTS	1099	H NG R	NESS & LENOTI CORROBED, etc. ON ITS RECEIV	ER, VALL THICH Le DAMAGED, JMBER (HEAT #)	KNESS, DIAMET N OF MATERIAL PLIER HAS A NI CERTS MEE UT	B. WIDTH, THIC VERIEY CONDITION VERIEY THAT SURVINGER SU	5- 4-
DESCRIPTION	(Ch	CR eck N)	LE HARDNESS	MAR ROTUA C	OMMENTS	REMOVE / OUT A	-8
SURFACE DAMAGE	Y	(N)					
CORRECT FINISH	(Y)	N					
CORROSION	Y	(N)					
CORRECT GRAIN DIRECTION	(Y)	N	in makes revers	NAME OF TAXABLE	THE CHARLES AND AND AND		
CORRECT MATERIAL	Y	N	THE PERSON NAMED IN CO.	FINE WARREST OF	A PORT ZIN	THE PROPERTY OF LAND	FIT SEP
CORRECT THICKNESS	Y	N				THE RESERVE OF THE PARTY.	1
PHOTO REQUIRED	Y	(N)		CANHA	SOFFERED DISAS	TRIAGRAT THORSE	
CORRECT MATERIAL	(Y)	N	MONEY CHE LIFT	TO HE OT SELECTE	O WILMAND LAW	TOTAL CAMPAG	-
CORRECT REF # TO LINK CERT	(Y)	N	HT# 93	14173	CONTRACTOR	Date Leide Versight	
CORRECT MATERIAL IDENTFICATION	1	N	A CONTRACTOR OF THE PARTY OF TH			A SAME OF THE SAME SHOP	1940
CORRECT M# ON THE MATERIAL	(2)	N			DIALE ENTY	remain terait avail	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N	итѕ	ING REQUIRME	S AS PER DRAW	INSPECT ALL DIM	-8
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N					
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001 0/ 11/11 22 /-11/11	F	REC	ORD RESULT	SBELOW	HARMI YO	TOMUNION.	HIEV
			HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL			J SHIL NO SINE	MAIUDAR AHT	CERTS MATCH	VERIFY MATERIA	-1
SIZE OF TEST SAMPLE			AT OF STREET,	NORTH SELECTION	HOTAE SHT 1.	II SPECT MINL HA	-2-
HARDNESS / DUROMETER REA	ADIN	G	13803	THE MOUSTINE	SHI MEH SAUA	ASTAM LOSSISSIN	
	te	esters	located in the C	uality Office			
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QC 18 INSPECTION		STATE OF		E	NGINEERING	SIGNOFF (if re	quirea)
INSPECTED BY:	39			SIGNED	OFF BY:	RECURU ALL FRO	40
manual property and the state of the state of	17	9 90			DATE:		
DATE: 15-06-	1				27.1.2.		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MOOS			02.250	PC) / BATCH NO.:)	POZESHA	MB24
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	25 12'	月.4	R, TUBING	THICKNES SHEET SI	SS ORDERED: SS RECEIVED: ZE ORDERED: ZE RECEIVED:	410	NIPTOM
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DESCRIPTION		neck (N)	SOUND ON 1 313	С	OMMENTS	74 100 F3 F0W	
SURFACE DAMAGE	Y	N					
CORRECT FINISH	8	A					
CORROSION	Y	N					
CORRECT GRAIN DIRECTION	(2)	N	e seuroi	NO OMITO	merchan ere	THE WAR AND THE PARTY OF THE PA	ALTERNA I
CORRECT MATERIAL	(0)	N					
CORRECT THICKNESS	(Y)	N		Grane	SOFT LIBERT OF VAN	PARCOL Y-925	3V -1.
PHOTO REQUIRED	Y	(3)		OF DE LOS OF THE PERSON OF THE	sa kirumizaa Ake	FURTHERN SLIMM	88 2-
CORRECT MATERIAL	Y	N	11- 1210	15480	ar econdiner:	ALION POPE AGILE	5U -5
CORRECT REF # TO LINK CERT	Y	N	HT 1319	139100	er est zenaz desazta	PART PRINT TODA	SV -P
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CORRECT M# ON THE MATERIAL	V	N	The second second second second second	Lenna Contrationaria	FINATO GBD (U.	ATMINISTRATES INTO	AUS INC.
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DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N					
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DP0.71		REC	ORD RESULT		DUR A	DUR D	100000
		O TOA	HRC	HRB	DUKA	AISISIMALA VOICE	V -1
TYPE OF MATERIAL		TRACE	AT ALL CITAL ALECTION	MOISUATES A	F THE BATCH	SPECTMIN HA	II -S
SIZE OF TEST SAMPLE		ıc	13803	EXTRUSION RE	AL AS PER THE	SPECT MATER	8- 11
HARDNESS / DUROMETER RE			located in the O	uality Office	NESS USING UL	WALL THICK	6
ENDS	нтон	esters	located in the Q		NGINEERING	SIGNOFF (if	required)
QC 18 INSPECTION		Mary Anna		USKUNI KEPUK		CORD ALL FIN	5+ RE
INSPECTED BY: 989				SIGNED	OFF BY:		
INSPECTED BY:	Service Service						

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

DATE: 15-06-12



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO28549

Purchase Order Date 5/21/2015 PO Print Date 5/21/2015

Page Number 1 of 2

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA



Contact Name

Vendor Phone

905 669 9444

Buyer

Chantal Lavoie

Ship To Contact

Ship To Phone

Customer POID Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

CD

FCA - (Free Carrier)

Line

Nbr

Ship Via: Ship Acct:

> Reference Vendor Part Number

Line Comments **Delivery Comments**

M7075T6B1.750X02.250

VENDOR'S TRUCK

Req Date/ Description/ Mfg ID Taxable

Promise Date

6/4/2015

Yes 6/4/2015

24.00

Req Qty/ Unit of Measure

\$26.28

PO Unit Price

\$630.76

Extended

Price

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

2.250

M7075T6B0.375X8.000

7075-T6 Plate 0.375" X 8.000", QQ-A 250/12

7075-T6 BAR 1.750" X

6/4/2015 FN Yes

6/4/2015

12.00

Line Total:

\$630.76

\$26.83

\$322.00

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUTJFROM PLATE

SP150608

Line Total:

\$322.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO28549

Purchase Order Date 5/21/2015 PO Print Date 5/21/2015

Page Number 2 of 2

\$20.63

\$0.00

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

Chantal Lavoie

10127-2607

FCA - (Free Carrier)

Net 30

CAD

CANADA

Buyer

Terms

FOB

Currency

Customer POID

Customer Tax #

12.00

1.00

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

3

VENDOR'S TRUCK

M7075T6B6.000X0.250

7075-T6 BAR 6.000" X

0.250"

6/4/2015

Yes 6/4/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 QR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11/OR QQ-A-250/12 COT FROM PLATE

71401-45

PROCUREMENT QUALITY CLAUSES 6/4/2015

No

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier A043 retention of quality document

6/4/2015

Line Total:

)600°C

Line Total:

\$0.00

\$247.50

\$247.50

\$0.00

PO Total:

\$1,200.26

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explaination.

Change Nbr:

Change Date:

5/21/2015